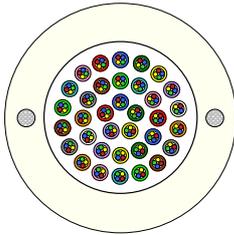


# Preconnectorized Optical riser cable with 2 fanouts 25% preconnectorized with SC/APC on yellow fibers

## Cable Design



- not to scale -

- **Micro-module:** Thin wall tubing (FlexTube®), housing BendBright<sup>XS</sup> optical fibres. Without any gel.
- **Assembly of 2 to 36 micro-modules**
- **Strength members:** glass fibre reinforced plastic material.
- **Outer Sheath:** LSZH-FR material. Longitudinal markers in order to position the cable-opening window.

Indoor installation on cable tray, in corridors or shafts. Easy selection and removal of a tube up to 6m\* for tapping and connection at the floor. The fully dry flexible micro-modules provide easier storage & faster installation and access to the fibres without specific tools and without further cleaning.

## Cable Technical data

No. of Fibres (grouped by 4)	≤	24	48	60	96	144
Module Ø	mm			0.9		
Rigid strength member Ø	mm			1.0		
Cable Diameter	mm	8.7	9.5	10.5	11.5	13
Cable Weight	kg/km	75	80	100	115	140
Temperature range	°C	Installation -5 -> +60	Transport. & Storage -40 -> +70	Operation -5 -> +60		

Please refer to our General Installation, Safety & Handling recommendations before handling.  
Please refer to our riser data sheets for main cable characteristics and optical characteristics.

## Identification

### Fibre Colours

No.	1	2	3	4
Colour	red	blue	green	yellow

### Module Colours

No.	1	2	3	4	5	6	7	8	9	10	11	12
Colour	red	blue	green	yellow	violet	white	orange	grey	brown	Light green	aqua	pink
No.	13	14	15	16	17	18	19	20	21	22	23	24
Colour	red	blue	green	yellow	violet	white	orange	grey	brown	Light green	aqua	pink
No.	25	26	27	28	29	30	31	32	33	34	35	36
Colour	red	blue	green	yellow	violet	white	orange	grey	brown	Light green	aqua	pink

**Sheath Colour:**

The outer sheath colour is white.

**Sheath Marking:**

The outer sheath is marked in 1 meter intervals as follows:

**DRAKA <Week/Year of manufacture> <Number of fibre>  
FO G657 A2 HFFR <Cable number> <Length marking in meter>**

## Assembly product

The riser cable is preconnectorized one end with SC/APC connectors.

Each micro-module of the riser cable is dedicated to one subscriber.

Each group of same fiber colour is dedicated to one operator.

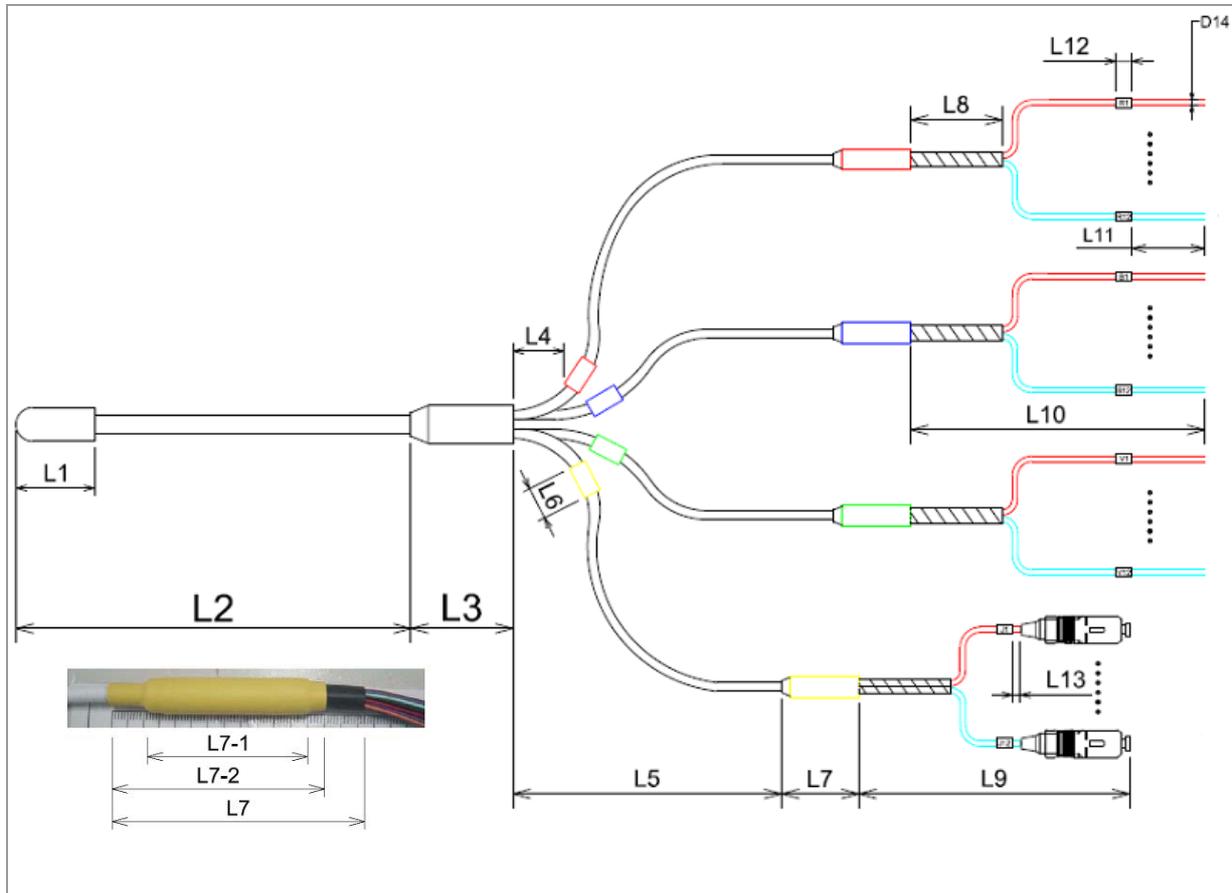
In the Fanout 1, all the modules are open and the fibers are selected and be re-routed per operator. Thus:

- The Fanout 2 N°1 includes all the Yellow fibers
- The Fanout 2 N°2 includes all the Blue fibers
- The Fanout 2 N°3 includes all the Green fibers
- The Fanout 2 N°4 includes all the Red fibers

From the Fanout 2, the fibers are individually protected with a 900 µm.

Only the yellow fibers are preconnectorized with SC/APC connector.

Detailed parts characteristics are depicted below:



L1	36F&48F:40±5mm; 96&144F : 45±5mm
L2	L±0.5%, Cable type: Riser modulo 4
L3	Diameter x Length After Shrink Tube, 31mm(+1/-4mm) x 86mm(+5/-0mm)
L4	30+5/-0mm, Heat shrink tube colored according to fiber colour
L5	5.0mm Miniflex tube: Red Fiber : 800+50/-0mm, Blue Fiber: 800+50/-0mm, Green Fiber: 800+50/-0mm, Yellow Fiber/ 1000+50/0mm
L6	12±2mm
L7	36F&48F fanout tube : Diameter 8x 33mm(L7-1,This is dimension of inside plastic housing of fanout tube), Diameter x Length After Shrink Tube:D10±2mm L45 ±3mm(L7-2,This is including the color heat shrink to cover the fanout 2), the whole fanout L7=55±5mm (This is including the black heat shrink at 900um buffer side for better strain relief so diameter is same as above D10 ±2mm). 96F & 144F fanout tube : Diameter 10x 46mm(L7-1,This is dimension of inside plastic housing of fanout tube), Diameter x Length After Shrink Tube:D12±2mm L60 ±3mm(L7-2,This is including the color heat shrink to cover the fanout 2), the whole fanout L7=70±5mm (This is including the black heat shrink at 900um buffer side for better strain relief so diameter is same as above D12 ±2mm).
L8	750±25mm, Preconnectorized yellow fibers will be bundle by 12 with spiral tube, Other fiber color will be bundle TOGETHER pre fanout 2# as drawing.
L9	900+50/-0mm
L10	1200+50/-0mm
L11	70±10mm
L12	10±1mm, O-Ring type Plio- M-Marker
L13	10±1mm
D14	900um±50um, 12 colored LSZH tube

## Logistic

### Packing:

Wooden reel.

### Delivery Lengths:

Standard delivery length is L=10m, 50m or 100m on reel.

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